## NAPHTHA: STODDARD SOLVENT

Water Pollution       Effect of low concentrations on aquatic life is unknown. Fouling to shoreline. Notify local health and wildlife officials. Notify operators of nearby water intakes.       5.2 Reactivity with Common Materia reaction         1. CORRECTIVE RESPONSE ACTIONS Stop discharge Contain Chemical and Physical Treatment: Burn Clean shore line Salvage waterfowl       2. CHEMICAL DESIGNATIONS       5.3 Relativity with Common Materia reaction         2. CHEMICAL DESIGNATIONS Collection Systems: Skim Chemical and Physical Treatment: Burn Clean shore line Salvage waterfowl       2. CHEMICAL DESIGNATIONS       5.4 Neutralizing Agents for Acids an Caustics: Not pertinent         3. HEALTH HAZAPDS       2. CHEMICAL DESIGNATIONS       6. WATER POLLUTION         6. WATER POLLUTION       5.1 Aquatic Toxicity: Currently not available         6. Water on the statistic of the statis of the statistic of the statistic of the statistic of the stati	Marcel masked         Sec: No pertinent           Avaid Contract with legal.         Special Hazards of Combustion           Notify coal reads and colution control agencies.         Protect water it labes.           Fire         Contrastible.         Contrastible.           Exposure         CALL FOR MEDICAL ALD.         LiDUD           Include         Contrastible.         Contrastible.           LiDUD         Include on a special and they water.         Contrastible.           LiDUD         Include on a special and they water.         Contrastible.           LiDUD         Include on a special and they water.         Contrastible.           ID Addiabatic Finance Temperature: Currently in available.         Contrastible.         Contrastible.           ID Addiabatic Finance Temperature: Currently in available.         Contrastic All in the finance All in white on the special and they water.           IF IN EVES. Show one on anguatic life is unknown.         Fodging is shoreline.         Show one appreciature: Show one one one one appreciature: Show one one one appreciature: Show one	Petroleum solvent Spotting naphtha		y liquid on water.	Colorless	Gasoline-like odor	4.2 Flammal 4.3 Fire Exti chemic	vint: 110°F C.C. ble Limits in Air: 0.8%-5. nguishing Agents: Foan al, or carbon dioxide. nguishing Agents Not to
Fire       Conductibility         Exposure       CALL FOR MEDICAL AD.         LOUD       LOUD         Initiation of the second second containers with water.       A10 Additable Team Emperature: In an available         Exposure       CALL FOR MEDICAL AD.         LOUD       Liculus         Initiating to skin and eyes.       Hermital revealowed.         First Affected areas with perform of water.       FIF NALLOWED and vicinit is CONSCIOUS, have vicinit drink water         or mik.       DO NOT INDUCE VOMITING.         Water       Fold posterion.         Pollution       Effect of low concentrations on aquatic life is unknown.         Found posterion.       Stop discharge         Collean       Stop discharge         Collean       2. CHEMICAL DESIGNATIONS         Stop discharge       2. CHEMICAL DESIGNATIONS         Stop discharge       2. CHEMICAL DESIGNATIONS         Collean       2. CHEMICAL DESIGNATIONS         Stop discharge       2. CARE Guide No.: 128         Collean       Stop discharge         Collean       2. CARE Guide No.: 128         Collean       Stop discharge         Collean       2. COMEMICAL DESIGNATIONS         Stop discharge       2. Concontability Group: 3.341268         All M	Fire       Conductibility         Exposure       CALL FOR MEDICAL AD.         LOUD       LOUD         Initiation of the second second containers with water.       A10 Additable Team Emperature: In an available         Exposure       CALL FOR MEDICAL AD.         LOUD       Liculus         Initiating to skin and eyes.       Hermital revealowed.         First Affected areas with perform of water.       FIF NALLOWED and vicinit is CONSCIOUS, have vicinit drink water         or mik.       DO NOT INDUCE VOMITING.         Water       Fold posterion.         Pollution       Effect of low concentrations on aquatic life is unknown.         Found posterion.       Stop discharge         Collean       Stop discharge         Collean       2. CHEMICAL DESIGNATIONS         Stop discharge       2. CHEMICAL DESIGNATIONS         Stop discharge       2. CHEMICAL DESIGNATIONS         Collean       2. CHEMICAL DESIGNATIONS         Stop discharge       2. CARE Guide No.: 128         Collean       Stop discharge         Collean       2. CARE Guide No.: 128         Collean       Stop discharge         Collean       2. COMEMICAL DESIGNATIONS         Stop discharge       2. Concontability Group: 3.341268         All M	Avoid inhal Shut off igr Avoid cont Notify loca	lation. nition sources and call f act with liquid. I health and pollution co				Used: I 4.5 Special Produc 4.6 Behavio 4.7 Auto Ign	Not pertinent Hazards of Combustion ts: Not pertinent r in Fire: Not pertinent ition Temperature: 540°
Exposure       CALL FOR MEDICAL AID.         LiQUID       Initiating to skin and eyes.         Harmful if swallowed.       Remove containnated colubing and shoes.         Remove containnated colubing and shoes.       Producty: Not perlinent.         INITIATING to skin and eyes.       Initiation to skin with plenty of water.         IF IN EYES. hold eyelds open and flash with plenty of water.       File SWALOWED and victim is CONSCIOUS, have victim drink water or mik.         DO NOT INDUCE WOITING.       Effect of low concentrations on aquatic life is unknown.         Pollution       Effect of low concentrations on aquatic life is unknown.         Nay be dargerous if therers water intakes.       Nutry operators of nearby water intakes.         Notify local health and wildlife officials.       Stability During Transport: Stability Control Mources         Contain       C. CHEMICAL DESIGNATIONS       Stability Organization: Not pertinent         Stability Contain       C. CHEMICAL DESIGNATIONS       Stability Organization: Not pertinent         Stability Contain       Stability Contain       Stability Contain       Stability Contain         Colection Systems: Skim       C. CHEMICAL DESIGNATIONS       Stability Contain       Stability Contain         Stab destring a shore line       Stability Contain       Stability Contain       Stability Contain         Stability Derive Coluby Shoes	Exposure       CALL FOR MEDICAL AID.         LiQUID       Initiating to skin and eyes.         Harmful if swallowed.       Remove containnated colubing and shoes.         Remove containnated colubing and shoes.       Producty: Not perlinent.         INITIATING to skin and eyes.       Initiation to skin with plenty of water.         IF IN EYES. hold eyelds open and flash with plenty of water.       File SWALOWED and victim is CONSCIOUS, have victim drink water or mik.         DO NOT INDUCE WOITING.       Effect of low concentrations on aquatic life is unknown.         Pollution       Effect of low concentrations on aquatic life is unknown.         Nay be dargerous if therers water intakes.       Nutry operators of nearby water intakes.         Notify local health and wildlife officials.       Stability During Transport: Stability Control Mources         Contain       C. CHEMICAL DESIGNATIONS       Stability Organization: Not pertinent         Stability Contain       C. CHEMICAL DESIGNATIONS       Stability Organization: Not pertinent         Stability Contain       Stability Contain       Stability Contain       Stability Contain         Colection Systems: Skim       C. CHEMICAL DESIGNATIONS       Stability Contain       Stability Contain         Stab destring a shore line       Stability Contain       Stability Contain       Stability Contain         Stability Derive Coluby Shoes	Fire	Extinguish with foam				4.9 Burning 4.10 Adiabat not ava	Rate: 4 mm/min. ic Flame Temperature: ilable
Water Pollution       Effect of low concentrations on aquatic life is unknown. Fouring to shoreline. May be dangerous if it enters water intakes. Notify local health and wildlie officials. Notify operators of nearby water intakes.       5.1 Reactivity with Common Materia reaction         1. CORRECTIVE RESPONSE ACTIONS Stop discharge Contain Collection Systems: Skim Collection Systems: Skim Sim Solichy Beposure: High concentration of Papsoure: Skip Concentration Of Vapors: read synthems. INGESTION: do NOT induce vorning] Call a doctor. EYES: flush with water for 15 min. SkiN: wipe off and wash with soap and water.       5.1 Feactivity with Skip Sim Skip by Inhaltion: Currently not available.       5.6 GESAMP Hazard Profile: Not listed.       5.6 GESAMP Hazard Profile: Not listed.         3.1 Toxicity by Ingestion: Crade 2; LDsc = 0.5 to 5 gkg 3.11 OSKIM PEL-STIE: Not listed.	Water Pollution       Effect of low concentrations on aquatic life is unknown. Fouring to shoreline. May be dangerous if it enters water intakes. Notify local health and wildlie officials. Notify operators of nearby water intakes.       5.1 Reactivity with Common Materia reaction         1. CORRECTIVE RESPONSE ACTIONS Stop discharge Contain Collection Systems: Skim Collection Systems: Skim Sim Solichy Beposure: High concentration of Papsoure: Skip Concentration Of Vapors: read synthems. INGESTION: do NOT induce vorning] Call a doctor. EYES: flush with water for 15 min. SkiN: wipe off and wash with soap and water.       5.1 Feactivity with Skip Sim Skip by Inhaltion: Currently not available.       5.6 GESAMP Hazard Profile: Not listed.       5.6 GESAMP Hazard Profile: Not listed.         3.1 Toxicity by Ingestion: Crade 2; LDsc = 0.5 to 5 gkg 3.11 OSKIM PEL-STIE: Not listed.	Exposure	LIQUID Irritating to skin and Harmful if swallowed Remove contaminate Flush affected areas IF IN EYES, hold eye IF SWALLOWED an or milk.	eyes. ed clothing and with plenty of elids open and d victim is CO	water. flush with plenty of wa		ertiner 4.12 Flame 1 availab 4.13 Combus Produc 4.14 Minimus Combu	nt. emperature: Currently no e stion Molar Ratio (React t): Not pertinent. m Oxygen Concentration stion (MOCC): Not listed
1. CORRECTIVE RESPONSE ACTIONS Stop discharge Contain Collection Systems: Skim Chemical and Physical Treatment: Burn Clean shore line Salvage waterfowl       2. CHEMICAL DESIGNATIONS       5.6 Inhibitor of Polymerization: Not print in the print of the print in the print of the pri	1. CORRECTIVE RESPONSE ACTIONS Stop discharge Contain Collection Systems: Skim Chemical and Physical Treatment: Burn Clean shore line Salvage waterfowl       2. CHEMICAL DESIGNATIONS       5.6 Inhibitor of Polymerization: Not print in the print of the print in the print of the pri		Effect of low concen Fouling to shoreline. May be dangerous if Notify local health ar	trations on aqu it enters wate id wildlife offici	r intakes. als.		5.2 Reactivir reaction 5.3 Stability 5.4 Neutraliz Caustie	y with Common Materia During Transport: Stable ting Agents for Acids ar the pertinent
3. HEALTH HAZARDS     3. HEALTH HAZARDS     3. HEalTH HAZARDS     4. Food value Contentiation Totel None     4. Some	3. HEALTH HAZARDS     3. HEALTH HAZARDS     3. HEalTH HAZARDS     4. Food value Contentiation Totel None     4. Some	Stop disch Contain Collection Chemical a Clean shor	arge Systems: Skim and Physical Treatment: e line		<ul> <li>2.1 CG Compatibil Miscellance</li> <li>2.2 Formula: Not a</li> <li>2.3 IMO/UN Design</li> <li>2.4 DOT ID No.: 12</li> <li>2.5 CAS Registry I</li> <li>2.6 NAERG Guide</li> <li>2.7 Standard Indu:</li> </ul>	ity Group: 33; us Hydrocarbon Mixtures pplicable attion: 3.3/1268 68 vo.: Currently not available No.: 128	6. V 6.1 Aquatic Currenth 6.2 Waterfoo availab 6.3 Biologic	VATER POLLUTION Toxicity: / not available VI Toxicity: Currently not le al Oxygen Demand (BOI
		3.6 TLV-Ceiling: N 3.7 Toxicity by Ing 3.8 Toxicity by Ing 3.9 Chronic Toxici 3.10 Vapor (Gas) Ir 3.11 Liquid or Soli Cause sma 3.12 Odor Thresho 3.13 IDLH Value: 2/ 3.14 OSHA PEL-TU 3.16 OSHA PEL-SC	ot listed. estion: Grade 2; LDsso alation: Currently not a ty: None ritant Characteristics: Min riting and reddening of 1 Id: Currently not availa 0,000 mg/m <sup>2</sup> VA: 500 ppm EL: Not listed. ling: Not listed.	available. : Vapors are n imum hazard. he skin.	onirritating to the eyes			

### 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: No requirement 7.4 Venting: Open (flame arrester) 7.5 IMO Pollution Category: Currently not available 7.6 Ship Type: Currently not available 7.7 Barge Hull Type: Currently not available

7. SHIPPING INFORMATION 7.1 Grades of Purity: Currently not available

## 8. HAZARD CLASSIFICATIONS

- 8.1 49 CFR Category: Flammable liquid 8.2 49 CFR Class: 3
- 8.3 49 CFR Package Group: |
- 8.4 Marine Pollutant: Yes
- 8.5 NFPA Hazard Classification:

### Category Classification Health Hazard (Blue)......0 Flammability (Red)..... 2

- Instability (Yellow)..... 0
- 8.6 EPA Reportable Quantity: Not listed. 8.7 EPA Pollution Category: Not listed.
- 8.8 RCRA Waste Number: Not listed
- 8.9 EPA FWPCA List: Not listed

### 9. PHYSICAL & CHEMICAL PROPERTIES

- 9.1 Physical State at 15° C and 1 atm: Liquid
- 9.2 Molecular Weight: Not pertinent
- **9.3 Boiling Point at 1 atm:** 320–390°F = 160–199°C = 433–472°K
- 9.4 Freezing Point: Not pertinent
- 9.5 Critical Temperature: Not pertinent 9.6 Critical Pressure: Not pertinent
- 9.7 Specific Gravity: 0.78 at 20°C (liquid)
- **9.8 Liquid Surface Tension:** 19–23 dynes/cm = 0.019–0.023 N/m at 20°C
- 9.9 Liquid Water Interfacial Tension: 39–51 dynes/cm = 0.039–0.051 N/m at 20°C
- 9.10 Vapor (Gas) Specific Gravity: Currently not available
- 9.11 Ratio of Specific Heats of Vapor (Gas): (est.) 1.030
- **9.12 Latent Heat of Vaporization:** 130–150 Btu/lb = 71–81 cal/g = 3.0–3.4 X 10<sup>5</sup> J/kg
- 9.13 Heat of Combustion: (est.) -18,200 Btu/lb = -10,100 cal/g = -424 X 10<sup>5</sup> J/kg
- 9.14 Heat of Decomposition: Not pertinent
- 9.15 Heat of Solution: Not pertinent
- 9.16 Heat of Polymerization: Not pertinent
- 9.17 Heat of Fusion: Currently not available
- 9.18 Limiting Value: Currently not available
- 9.19 Reid Vapor Pressure: 0.1 psia

NOTES

# NAPHTHA: STODDARD SOLVENT

9.20 SATURATED LIQUID DENSITY		9.21 LIQUID HEAT CAPACITY		9.22 LIQUID THERMAL CONDUCTIVITY		9.23 LIQUID VISCOSITY	
Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F	Temperature (degrees F)	British thermal unit inch per hour-square foot-F	Temperature (degrees F)	Centipoise
50 52 54 56 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 92 94 98 100	48.690 48.690	50 52 54 56 58 60 62 64 68 70 72 74 76 78 80 82 84 86 88 90 92 92 94 96 98 100	0.478 0.478	50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 82 82 84 86 88 90 92 94 96 98 100	1.040 1.040	50 52 54 56 58 60 64 68 70 72 74 76 78 80 82 82 84 86 88 90 92 92 94 93 93 100	9.343 8.841 8.370 7.927 7.511 7.119 6.751 6.404 6.078 5.770 5.481 5.207 4.950 4.707 4.456 3.629 3.679 3.506 3.342 3.879 3.506 3.342 3.879 3.201 2.770 2.645

9.24 SOLUBILITY IN WATER		9.25 SATURATED VAPOR PRESSURE		9.26 SATURATED VAPOR DENSITY		9.27 IDEAL GAS HEAT CAPACITY	
Temperature (degrees F)	Pounds per 100 pounds of water	Temperature (degrees F)	Pounds per square inch	Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F
	L N S O L U B L E	90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340	0.094 0.124 0.163 0.211 0.272 0.347 0.440 0.553 0.691 0.856 1.054 1.290 1.569 1.897 2.281 2.728 3.247 3.846 4.535 5.323 6.221 7.241 8.394 9.695 11.160 12.790		N O T E R T I N E N T		C U R R E N T L Y NOT A V A I L A B L E